**EAST Search History**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L1 | 866 | joystick and six adj (degrees adj freedom or frames adj reference) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L2 | 687 | L1 and (optical or light or LED or radiation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L3 | 218 | L2 and ((photo adj sens $4) or (photo adj detect $4) or (detect$4 or sens $4) near3 (radiation or light or radiation)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L4 | 132 | L3 and source near3 (light or radiation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L5 | 77 | L4 and (light or radiation) near3 (reflect$4 or refraction or mirror) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L6 | 4 | L5 and (degrees adj freedom or frames adj reference) with (rotation $4 and translation$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L7 | 2 | "20050162389" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L8 | 4 | ("4607159" \| "5694153" \| "5926264").PN. OR ("6333733").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/18 09:18 |

| L9 | 6 | (US-20010002098-$).did. or (US-6597347-$ or US-6157368-$ or US-6844871-$ or US-6333733-$ or US-5521596-$).did. | US-PGPUB; USPAT | OR | ON | 2008/08/18 09:18 |
|---|---|---|---|---|---|---|
| L10 | 0 | L9 and (reflect$4 or mirror) near3 (annu$4 or ring or disc or round$4 or circular) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L11 | 38 | 345/156.ccls. and (reflect $4 or mirror) near3 (annu $4 or ring or disc or round $4 or circular) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L12 | 64 | 345/156-163.ccls. and (reflect$4 or mirror) near3 (annu$4 or ring or disc or round$4 or circular) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L13 | 28 | L12 and joystick | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L14 | 2 | "20050162389" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L15 | 15 | joystick near3 grip with (mouse or trackball) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L16 | 15 | (joystick near3 grip with (mouse or trackball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L17 | 235 | (joystick near3 (grip or handle) with (mouse or trackball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |

| L18 | 21 | ("4780707" \| "5157381" \| "5175534" \| "5287090" \| "5296871" \| "5355147" \| "5576733" \| "5648798" \| "5774113" \| "5894303" \| "5982356" \| "D387744"). PN. OR ("6262715"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/18 09:18 |
| L19 | 219 | L17 not (L16 L18) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L20 | 204 | (trackball or ball) with mounted with joystick | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L21 | 204 | ((trackball or ball) with mounted with joystick | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L22 | 61 | ((trackball or ball) near3 mounted near3 joystick) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:18 |
| L24 | 20 | ((HENRY) near2 (OBERMEYER)).INV. | US-PGPUB; USPAT | OR | ON | 2008/08/18 09:21 |
| L25 | 2 | ((FRITZ) near2 (OBERMEYER)).INV. | US-PGPUB; USPAT | OR | ON | 2008/08/18 09:22 |
| L26 | 1 | ((LESLIE) near2 (OBERMEYER)).INV. | US-PGPUB; USPAT | OR | ON | 2008/08/18 09:22 |
| L27 | 21 | 24 25 26 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:22 |
| L28 | 0 | 27 and abrup adj border | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:23 |

| L29 | 1 | 27 and abrupt adj border | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:23 |
| L30 | 0 | 27 and abrupt adj reflective adj facets | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:24 |
| L31 | 1 | 27 and reflective adj facets | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:24 |
| L32 | 0 | 27 and independent adj radiation | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:25 |
| L33 | 1 | 27 and annular adj reflective adj element | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:25 |
| L34 | 1 | (multi-axis and quinary and reflective and source and reflected adj radiation adj detector).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/18 09:26 |

**8/18/08 9:27:02 AM**
**C:\Documents and Settings\rosorio\My Documents\EAST\Workspaces\joystick multi-axis with multiple light sources.wsp**